

molecule and having neither an acrylic group nor a methacrylic group, said polymer being present in said polymer resin layer in an amount of 80 % by weight or more based on said polymer resin layer.

2. (Amended) A multilayer film according to claim 1, wherein the polymer resin layer, the metal deposited layer and/or the metal oxide deposited layer are provided on the base material in this order.

3. (Amended) A multilayer film according to claim 1, wherein the metal deposited layer and/or the metal oxide deposited layer and the polymer resin layer are provided on the base material in this order.

4. (Amended) A multilayer film according to claim 1, wherein the thickness of the polymer resin layer is not less than 0.02  $\mu\text{m}$  and not more than 1  $\mu\text{m}$ .

5. (Amended) A multilayer film according to claim 4, wherein the thickness of the polymer resin layer is not less than 0.05  $\mu\text{m}$  and not more than 0.5  $\mu\text{m}$ .

6. (Amended) A multilayer film according to claim 1, wherein the unsaturated compound is one or more compounds selected from the group consisting of an unsaturated fatty acid, an unsaturated fatty ester, and a terpene having an unsaturated bond.

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7. (Amended) A multilayer film according to claim 6, wherein the unsaturated fatty acid, unsaturated fatty ester, and terpene having an unsaturated bond are compounds isolated from natural substances.

8. (Amended) A multilayer film according to claim 7, wherein the unsaturated fatty acid, unsaturated fatty ester, and terpene having an unsaturated bond are compounds selected from the group consisting of a drying oil, a semi-drying oil, or a hydrolysate thereof, or a part of the component thereof, or a combination thereof.

9. (Amended) A multilayer film according to claim 8, wherein the drying oil or the semi-drying oil is a compound having an iodine value of not less than 100.

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10. (Amended) A multilayer film according to claim 6, wherein the unsaturated fatty acid, unsaturated fatty ester, and terpene having an unsaturated bond are one or more compounds selected from the group consisting of castor oil, coconut oil, soybean oil, linseed oil, palm kernel oil, safflower oil, china wood oil, tall oil, oleic acid, linolic acid, linolenic acid, ricinoleic acid, eleostearic acid, triglyceride linoleate, triglyceride linolenate, citral, citronellal, citronellol, nerolidol, geraniol, miltan, linalool, and limonene.

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11. (Amended) A multilayer film according to claim 1, said multilayer film having a property of a metallized packaging film or a metallized film for a capacitor.

12. (Amended) A process for producing a multilayer film, comprising forming a polymer resin layer on a base material and depositing a metal layer and/or a metal oxide layer on the base material, wherein said forming a polymer resin layer comprises depositing an

unsaturated compound having two or more ethylenic bonds and/or acetylenic bonds in one molecule and having neither acrylic group nor methacrylic group on the base material, and then irradiating the unsaturated compound with energy rays.

C/ 13. (Amended) A process for producing a multilayer film according to claim 12, wherein the metal and/or the metal oxide is deposited on the base material and then said unsaturated compound is deposited on said metal layer and/or metal oxide layer.

A 14. (Amended) A process for producing a multilayer film according to claim 12, wherein said unsaturated compound is deposited on the base material and irradiated with energy rays to form the polymer resin layer, and then the metal and/or metal oxide is deposited on said polymer resin layer.

20270"50728260 15. (Amended) A process for producing a multilayer film according to claim 12, wherein a surface of the base material is subjected to a plasma treatment prior to said forming a polymer resin layer and depositing a metal layer and/or a metal oxide layer.

16. (Amended) A process for producing a multilayer film according to claim 12, wherein the energy rays are selected from the group consisting of ultraviolet rays, ions, excited atoms, and excited molecules.

17. (Amended) A process for producing a multilayer film according to claim 12, wherein the energy rays are a plasma of a gas containing oxygen atoms.

18. (Amended) A process for producing a multilayer film according to claim 12, wherein the depositing the unsaturated compound on the base material comprises atomizing the unsaturated compound to form atomized particles and impinging said atomized particles on a wall of a heated apparatus.

19. (Amended) A process for producing a multilayer film according to claim 18, wherein the unsaturated compound is atomized by applying an electric voltage to the unsaturated compound.

20. (Amended) A process for producing a multilayer film according to claim 18, wherein a wall of said heated apparatus comprises an aperture, wherein the unsaturated compound is deposited while an electric voltage is applied between the aperture and the metal layer and/or metal oxide layer.

Please add the following new claims 21 and 22:

21. A process for producing a multilayer film according to claim 12, wherein said forming a polymer resin layer and depositing a metal layer and/or a metal oxide layer on a base material is in vacuum.

22. A multilayer film comprising a base material, a polymer resin layer and a metal layer and/or a metal oxide layer provided on the base material, wherein said polymer resin layer comprises a polymer produced by polymerization of an unsaturated compound having two or more ethylenic bonds and/or acetylenic bonds in one molecule and having neither an acrylic